

I.H.4. Actual performance and variance from OMB-approved baseline (original or current):

A. This section is always filled in to reflect current status of the investment. It compares the OMB approved baseline and actual results for this phase, segment, or module of the investment. Show for each major investment milestones or events you planned (scheduled) to accomplish and the cost and what work was actually done and the cost. If the project is in the operational or steady state phase complete one line on the chart for each year. For these projects complete paragraphs C, D, F and G as appropriate. If this is a new investment in the FY 2005 budget year, this will be blank for your initial submission. OMB may ask for latest information during the budget review process.

Comparison Of Omb-Approved Baseline And Actual Outcome For Phase/Segment/Module Of A Project (Investment)

OMB-APPROVED BASELINE
OUTCOME

ACTUAL

| | Description of Milestone | Start Date | End Date | Duration (in days) | Planned Cost (millions) | Funding Agency | Start Date | End Date | Percent Complete | Actual Cost |
|----|-----------------------------|---------------|-------------|-----------------------|-------------------------------|-------------------|---------------|-------------|---------------------|----------------|
| 1 | | | | | | N/A | | | | |
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| Completion date: OMB-approved baseline: | | Estimated completion date: | |
| Total cost: OMB-approved baseline: | | Estimate at completion: | |

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| B. Provide the following investment summary information from your EVMS (as of date): | |
| B.1. Show the budgeted (planned) cost of work scheduled (BCWS): | |
| B.2. Show budgeted (planned) cost of work performed (BCWP): | |
| B.3. Show the actual cost of work performed (ACWP): | |

| <i>B.4. Provide a performance curve graph plotting BCWS, BCWP and ACWP on a monthly basis from inception of this phase or segment/module through the latest report.</i> | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|-------|--------------|------|------|------|-------|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <table border="1"> <thead> <tr> <th>Name</th> <th>Link</th> <th>Size</th> <th>Owner</th> <th>Uploaded</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> | | | | | Name | Link | Size | Owner | Uploaded | | | | | | | | | | | | | | | |
| Name | Link | Size | Owner | Uploaded | | | | | | | | | | | | | | | | | | | | |
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| <i>In addition, plot the ACWP curve to the estimated cost at completion (EAC) value, and provide the following EVMS variance analysis.</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Value | | | | | | | | | | | | | | | | | | | | |
| Cost Variance = (BCWP-ACWP) = | | | | | | | | | | | | | | | | | | | | | | | | |
| Cost Variance % = (CV/BCWP) x 100% = | | | | | | | | | | | | | | | | | | | | | | | | |
| Cost Performance Index (CPI) = (BCWP/ACWP) = | | | | | | | | | | | | | | | | | | | | | | | | |
| Schedule Variance = (BCWP-BCWS) = | | | | | | | | | | | | | | | | | | | | | | | | |
| Schedule Variance % = (SV/BCWS) x 100% = | | | | | | | | | | | | | | | | | | | | | | | | |
| Schedule Performance Index (SPI) = (BCWP/BCWS) = | | | | | | | | | | | | | | | | | | | | | | | | |
| Estimate at Completion 1 (EAC1) = ACWPcum + 1/CPI x (BAC-BCWPcum) = | | | | | | | | | | | | | | | | | | | | | | | | |
| Estimate at Completion 2 (EAC2) = ACWPcum + 1/(CPI x SPI) x (BAC-BCWPcum) = | | | | | | | | | | | | | | | | | | | | | | | | |

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| Variance at Completion 1 (VAC1) = BAC-EAC1 = | |
| Variance at Completion 2 (VAC2) = BAC-EAC2 = | |
| Variance at Completion 1 % = (VAC1/BAC) x 100% = | |
| Variance at Completion 2 % = (VAC2/BAC) x 100% = | |
| Estimated Cost to Completion (ETC) = | |
| Expected Completion Date = | |

DEFINITIONS FOR EARNED VALUE MANAGEMENT SYSTEM:

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| ACWP | - | Actual Cost for Work Performed - What you paid. |
| BAC | - | Budget At Completion - The baseline (planned) budget for the investment. |
| BCWP | - | Budgeted Cost for Work Performed - The earned value. |
| BCWS | - | Budgeted Cost for Work Scheduled - The planned costs. |
| CPI | - | Cost Performance Index - The ratio of the budgeted to actual cost of work performed. |
| CV | - | Cost Variance - The difference between planned and actual cost of work performed. |
| EAC | - | Estimated At Completion - The latest estimated cost at completion. |
| ETC | - | Estimated to Completion - Funds needed to complete the investment. |
| PF | - | Performance Factor - The cost to earn a dollar of value, or ACWP/BCWP, or 1/CPI. |
| SPI | - | Schedule Performance Index - The percent of the investment that has been completed. |
| SV | - | Schedule Variance - The variance between the actual and planned schedules. |
| VAC | - | Variance at Completion - The variance between the baseline and actual budget at completion. |

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| <i>C. If cost and/or schedule variance are a negative 10 percent or more at the time of this report or EAC is projected to be 10 percent or more, explain the reason(s) for the variance(s).</i> |
| Not applicable |
| <i>D. Provide performance variance. Explain based on work accomplished to date, whether or not you still expect to achieve your performance goals. If not, explain the reasons for the variance. For steady state projects, in addition to a discussion on whether or not the system is meeting the program objectives, discuss whether the needs of the owners and users are still being met.</i> |
| Not applicable. |
| <i>E. For investments using EVMS, discuss the contractor, government, and at least the two EAC index formulas in I.H.4.B, current estimates at completion. Explain the differences and the IPT's selected EAC for budgeting purposes. This paragraph is not applicable to operations/steady state investments.</i> |
| Not applicable. |
| <i>F. Discuss the corrective actions that will be taken to correct the variances, the risk associated with the actions, and how close the planned actions will bring the investment to the original baseline. Define proposed baseline changes, if necessary.</i> |

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| Not applicable. |
| <i>G. If the investment cost, schedule or performance variances are 10% or greater, has the Agency Head concurred in the need to continue the program at the new baseline?</i> |
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